

**PATENT ABSTRACTS OF JAPAN**(11)Publication number : **09-227193**(43)Date of publication of application : **02.09.1997**

(51)Int.Cl.

**C04B 28/02**  
**B04C 2/04**  
**B04C 2/26**  
**// (C04B 28/02**  
**C04B 24:08**  
**C04B 18:26 )**  
**C04B103:65**

(21)Application number : **08-031965**(71)Applicant : **SEKISUI CHEM CO LTD**(22)Date of filing : **20.02.1996**(72)Inventor : **KANEKO TAKAAKI**  
**OTA SEIICHI****(54) HARD WOOD-PIECE CEMENT BOARD**

(57)Abstract:

**PROBLEM TO BE SOLVED:** To prepare a hard cement board having improved water-permeation resistance and free from a danger of the occurrence of warp by subjecting a mixture of a cement composition containing a water repellent, small pieces of wood and water to a pressure forming process and curing the formed material by heat under pressure.

**SOLUTION:** This hard wood-piece cement board is produced by subjecting a mixture of a cement composition containing a water repellent, finely fragmented wood pieces and water to pressure forming into a specified shape and curing the formed material by heat under pressure. A water-repellent content in the cement composition is preferably 0.4-2.0wt.%. A metal soap such as calcium stearate or aluminum stearate is cited as an example of the water repellent. The cement composition is preferably composed of a heat-curing component mainly containing alumina cement, anhydrous gypsum and/or hemihydrate gypsum, portland cement and a water repellent.